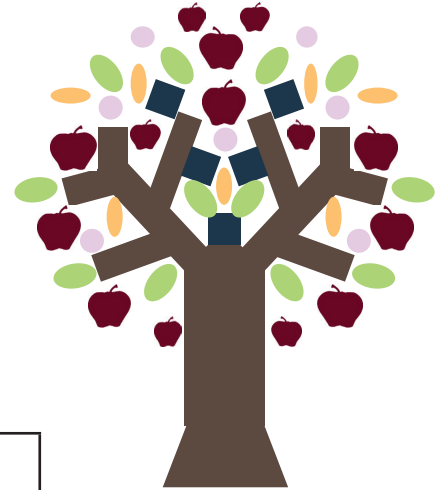


Math and Nature

Activity 5 - Planning a Garden

Did you know that farmers have to carefully plan their gardens to ensure they have vegetables to last them through the winter?

Now it's your turn to pretend that you are a farmer planning your garden! You are responsible for doing some shopping for vegetables for your garden. You will be calculating the cost of your vegetable plot, using the vegetables sold in trays. Below is a table of vegetables and the trays they are sold in:



Trays of 3	Trays of 6
Lettuce (L)	Squash (S)
Peas (P)	Carrots (Ca)
Corn (Co)	Broccoli (B)
Red Peppers (RP)	Eggplant (E)
Cost: \$2.00 per tray	Cost: \$3.00 per tray

You have been given a garden plot in which to plant a variety of vegetables. How you come up with that variety is up to you; but keep in mind the packaging of the vegetables. An example might be:

Ca	Ca	Ca
E	E	E
P	P	P
L	L	L

Can you believe **THIS** is math?

Math and Nature

Activity 5 - Planning a Garden - *continued*

Activity Instructions:

1. Construct a tray like the one on the previous page to plan out your array of vegetables. Use the symbols given above to label each box in the array. You may use any combination you wish.
2. Using the prices provided, calculate how much your vegetable plot will cost.
For example: the sample plot on the previous page would cost \$10.00

Tray of carrots	= \$3.00
Tray of eggplant	= \$3.00
Tray of peas	= \$2.00
Tray of lettuce	= \$2.00
Total	= \$10.00

Can you believe THIS is math?